

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran			Course	Bottom Depth (FM)	Temp (F)
					TD's					
0001	MAR-06	1333	3928.7	7248.0	X26358.4	Y43093.3	174		42.7	
0002	MAR-08	1734	4118.8	7051.5	X25487.7	Y43885.8	208		16.7	
0003	MAR-08	2011	4121.1	7108.6	X25648.1	Y43926.0	225		16.1	
0004	MAR-08	2233	4116.9	7113.9	X25685.0	Y43904.3	220		19.4	
0005	MAR-08	2354	4113.2	7118.2	X25716.0	Y43884.4	177		21.6	
0006	MAR-09	0239	4053.7	7115.1	X25664.2	Y43738.3	310		29.8	
0007	MAR-09	0417	4058.8	7100.3	X25538.3	Y43757.9	343		26.8	
0008	MAR-09	0551	4106.4	7128.6	X25796.9	Y43850.1	238		13.9	
0009	MAR-09	0931	4046.4	7146.2	X25926.4	Y43721.0	020		30.9	
0010	MAR-09	1125	4056.1	7154.7	X26011.5	Y43808.0	267		17.2	
0011	MAR-09	1237	4058.5	7201.2	X26072.0	Y43835.8	248		8.7	
0012	MAR-09	1347	4000.6	7208.7	X26089.2	Y43363.8	246		9.8	
0013	MAR-09	1454	4053.5	7211.5	X26153.0	Y43810.6	242		14.8	
0014	MAR-09	1600	4051.1	7215.9	X26187.8	Y43797.3	273		15.6	
0015	MAR-09	1757	4048.2	7234.1	X26337.9	Y43796.9	246		6.8	
0016	MAR-09	1913	4045.9	7242.3	X26403.4	Y43788.9	253		6.6	
0017	MAR-09	2058	4038.9	7252.1	X26472.5	Y43740.0	258		15.6	
0018	MAR-09	2239	4036.3	7305.3	X26576.1	Y43732.9	264		12.3	
0019	MAR-09	2349	4036.7	7308.0	X26599.4	Y43739.8	261		10.9	
0020	MAR-10	0112	4036.3	7310.3	X26617.6	Y43738.9	281		10.7	
0021	MAR-10	0218	4036.2	7314.0	X26647.3	Y43742.4	252		10.1	
0022	MAR-10	0528	4033.1	7329.5	X26765.6	Y43731.9	200		9.6	
0023	MAR-10	0817	4032.7	7334.6	X26806.3	Y43734.3	265		7.1	
0024	MAR-10	0947	4028.8	7335.6	X26803.9	Y43697.6	281		11.2	
0025	MAR-10	1202	4018.7	7335.5	X26779.4	Y43599.4	275		13.9	
0026	MAR-10	1433	4028.7	7342.6	X26859.4	Y43704.6	238		14.2	
0027	MAR-10	1647	4026.7	7356.4	X26961.6	Y43699.4	187		7.4	
0028	MAR-10	1805	4025.4	7355.7	X26952.6	Y43685.4	185		9.6	
0029	MAR-10	1912	4021.7	7300.5	X26510.5	Y43594.8	186		11.5	
0030	MAR-10	2037	4014.7	7357.2	X26935.2	Y43578.6	199		9.6	
0031	MAR-11	0036	4016.8	7316.9	X26630.8	Y43564.6	108		19.7	
0032	MAR-11	0332	4008.9	7251.1	X26417.5	Y43468.7	242		19.7	
0033	MAR-11	0605	4001.5	7308.1	X26537.4	Y43412.4	293		19.7	
0034	MAR-11	0735	4000.9	7313.1	X26573.9	Y43410.2	303		22.7	
0035	MAR-11	0914	3956.9	7320.9	X26625.8	Y43376.5	115		30.1	
0036	MAR-11	1055	3954.3	7307.5	X26522.8	Y43343.7	107		38.5	
0037	MAR-11	1327	3939.0	7258.7	X26441.0	Y43193.7	273		34.4	
0038	MAR-11	1457	3938.7	7310.0	X26520.7	Y43194.8	307		23.2	
0039	MAR-11	1701	3946.2	7326.2	X26646.2	Y43273.5	313		19.4	
0040	MAR-11	1828	3943.5	7329.4	X26664.7	Y43248.5	229		23.2	
0041	MAR-11	2014	3936.4	7340.0	X26727.2	Y43179.9	310		17.5	
0042	MAR-11	2206	3943.5	7352.6	X26828.7	Y43257.1	250		14.5	
0043	MAR-11	2316	3941.1	7356.6	X26851.5	Y43232.7	333		13.4	
0044	MAR-12	0201	3939.2	7356.1	X26843.8	Y43213.1	002		13.7	
0045	MAR-12	0357	3950.3	7401.1	X26903.5	Y43330.7	177		10.7	
0046	MAR-12	0506	3948.6	7404.2	X26921.1	Y43313.5	003		7.1	
0047	MAR-12	0728	3938.8	7408.2	X26925.3	Y43211.2	082		9.0	
0048	MAR-12	0834	3936.8	7404.8	X26898.0	Y43189.9	220		10.7	

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0049	MAR-12	0940	3931.9	7406.4	X26898.1	Y43138.5	197	9.8	
0050	MAR-12	1105	3926.8	7402.7	X26863.3	Y43084.7	262	12.3	
0051	MAR-12	1303	3925.1	7417.3	X26955.0	Y43066.8	037	6.3	
0052	MAR-12	1517	3914.3	7411.2	X26892.8	Y42951.5	181	15.9	
0053	MAR-12	1717	3901.6	7414.1	X26885.9	Y42814.2	098	18.0	
0054	MAR-12	1947	3901.2	7349.0	X26730.0	Y42818.2	070	22.4	
0055	MAR-12	2202	3911.1	7332.5	X26638.9	Y42923.8	052	22.4	
0056	MAR-13	0434	3948.9	7233.7	X26268.9	Y43274.7	113	33.4	
0057	MAR-13	0628	3951.1	7221.8	X26183.4	Y43288.9	118	43.5	
0058	MAR-13	0846	3958.3	7207.1	X26076.9	Y43343.6	118	45.7	
0059	MAR-13	1041	3953.9	7154.4	X25985.1	Y43297.8	045	65.9	
0060	MAR-13	1306	3950.4	7147.4	X25937.0	Y43264.4	047	116.7	
0061	MAR-13	1503	3958.4	7135.0	X25844.2	Y43324.1	065	57.1	
0062	MAR-13	2032	3959.7	7042.6	X25496.8	Y43304.0	275	155.0	
0063	MAR-13	2255	4008.6	7043.1	X25479.6	Y43371.4	272	72.2	
0064	MAR-14	0043	4009.4	7054.9	X25552.9	Y43385.4	323	75.2	
0065	MAR-14	0228	4018.2	7100.8	X25577.8	Y43457.2	341	53.9	
0066	MAR-14	0348	4021.5	7101.4	X25576.8	Y43482.9	027	49.8	
0067	MAR-14	0636	4031.3	7038.7	X25398.3	Y43535.6	286	40.2	
0068	MAR-14	0826	4033.1	7050.3	X25477.8	Y43559.5	260	40.7	
0069	MAR-14	1235	4021.3	7136.1	X25838.2	Y43510.9	262	41.0	
0070	MAR-14	1438	4027.7	7152.4	X25967.3	Y43578.3	353	37.7	
0071	MAR-14	1820	4056.3	7157.7	X26037.8	Y43814.1	253	16.4	
0072	MAR-14	1957	4058.0	7153.4	X26002.6	Y43820.8	238	16.1	
0073	MAR-14	2317	4104.3	7129.1	X25798.2	Y43835.0	251	14.2	
0074	MAR-15	0010	4106.8	7129.0	X25801.3	Y43853.9	181	13.4	
0075	MAR-19	0627	3918.8	7248.5	X26356.8	Y43000.0	131	46.5	
0076	MAR-19	0830	3911.4	7240.9	X26303.8	Y42930.5	235	71.6	
0077	MAR-19	1147	3856.8	7249.9	X26356.1	Y42790.9	232	156.1	
0078	MAR-19	1543	3856.2	7330.9	X26611.0	Y42772.6	139	30.9	
0079	MAR-19	1746	3846.2	7318.8	X26527.2	Y42677.3	144	41.0	
0080	MAR-19	1953	3838.5	7311.3	X26477.2	Y42604.8	257	77.6	
0081	MAR-19	2117	3834.4	7318.4	X26516.0	Y42560.1	227	63.4	
0082	MAR-19	2329	3841.2	7328.9	X26583.8	Y42621.8	211	39.1	
0083	MAR-20	0039	3838.5	7331.0	X26593.4	Y42593.8	234	39.1	
0084	MAR-20	0153	3836.1	7337.0	X26626.5	Y42565.7	293	35.3	
0085	MAR-20	0427	3843.6	7358.9	X26764.8	Y42629.9	254	27.1	
0086	MAR-20	0730	3837.2	7429.9	X26933.3	Y42542.1	202	18.6	
0087	MAR-20	1025	3816.9	7429.0	X26893.4	Y42321.6	122	21.9	
0088	MAR-20	1310	3821.2	7417.1	X26835.0	Y42378.7	107	30.1	
0089	MAR-20	1511	3816.4	7405.2	X26763.1	Y42339.4	094	36.6	
0090	MAR-20	1753	3818.5	7347.0	X26664.9	Y42378.2	075	59.1	
0091	MAR-20	1958	3823.6	7339.0	X26625.8	Y42437.6	166	63.4	
0092	MAR-20	2151	3816.3	7338.7	X26616.7	Y42362.8	218	89.1	
0093	MAR-21	0220	3753.8	7412.9	X26775.8	Y42092.1	244	71.6	
0094	MAR-21	0520	3746.2	7438.3	X26893.6	Y41977.1	177	28.4	
0095	MAR-21	0855	3734.3	7417.5	X26775.8	Y41881.1	226	176.3	
0096	MAR-21	1134	3729.8	7438.2	X26870.3	Y41800.8	222	31.7	

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0097	MAR-21	1429	3708.7	7439.5	X26849.2	Y41573.7	268	49.5	
0098	MAR-21	1805	3709.3	7514.9	X27008.8	Y41512.9	162	17.8	
0099	MAR-21	1951	3658.9	7511.6	X26978.6	Y41405.1	092	20.8	
0100	MAR-21	2251	3649.5	7525.6	X27024.3	Y41272.6	191	13.4	
0101	MAR-22	0035	3638.8	7525.0	X27006.3	Y41156.8	165	12.0	
0102	MAR-22	1336	3511.0	7522.7	X26894.7	Y40279.5	347	12.3	
0103	MAR-22	1512	3516.0	7518.6	X26885.0	Y40339.8	319	16.4	
0104	MAR-22	1631	3518.3	7522.9	X26902.5	Y40345.0	005	12.8	
0105	MAR-22	1950	3533.6	7457.1	X26823.2	Y40576.2	036	26.2	
0106	MAR-22	2129	3539.8	7451.6	X26808.0	Y40651.7	000	44.8	
0107	MAR-22	2257	3539.1	7456.2	X26824.8	Y40630.6	149	29.3	
0108	MAR-23	0036	3536.4	7502.4	X26845.5	Y40584.6	281	23.5	
0109	MAR-23	0234	3538.8	7518.5	X26907.4	Y40553.4	305	14.8	
0110	MAR-23	0423	3544.5	7529.0	X26952.7	Y40575.7	318	8.2	
0111	MAR-23	0632	3550.8	7517.1	X26915.2	Y40676.5	277	16.1	
0112	MAR-23	1020	3556.2	7449.2	X26813.8	Y40814.6	025	99.2	
0113	MAR-23	1158	3603.2	7452.4	X26832.8	Y40872.8	017	48.4	
0114	MAR-23	1422	3619.3	7446.7	X26825.6	Y41048.4	351	100.3	
0115	MAR-23	1802	3616.6	7514.8	X26935.7	Y40945.7	246	16.7	
0116	MAR-23	2034	3616.6	7536.0	X27019.2	Y40889.6	231	14.2	
0117	MAR-23	2220	3607.5	7542.2	X27030.7	Y40775.9	335	7.7	
0118	MAR-24	0012	3621.5	7542.6	X27051.9	Y40925.8	334	10.9	
0119	MAR-24	0123	3626.1	7546.4	X27073.8	Y40968.1	334	9.8	
0120	MAR-24	0229	3630.7	7550.3	X27096.0	Y41010.0	349	5.7	
0121	MAR-24	0444	3638.2	7538.9	X27061.9	Y41118.9	178	9.8	
0122	MAR-24	0626	3639.0	7546.5	X27093.8	Y41111.5	182	11.2	
0123	MAR-24	1148	3705.5	7546.2	X27137.0	Y41411.2	002	5.5	
0124	MAR-24	1416	3651.4	7540.8	X27090.8	Y41261.9	155	11.2	
0125	MAR-24	1631	3641.2	7550.9	X27115.0	Y41126.8	339	8.5	
0126	MAR-24	2203	3645.9	7454.4	X26887.4	Y41303.1	077	22.1	
0127	MAR-25	0012	3645.7	7439.6	X26823.5	Y41334.2	005	101.2	
0128	MAR-25	0234	3654.6	7437.1	X26822.3	Y41431.8	008	223.1	
0129	MAR-25	0432	3655.2	7437.9	X26826.5	Y41435.7	009	97.9	
0130	MAR-25	0550	3659.0	7441.2	X26845.3	Y41469.0	291	45.4	
0131	MAR-25	1128	3711.4	7542.4	X27131.7	Y41486.2	012	6.3	
0132	MAR-25	1329	3718.1	7540.6	X27136.2	Y41565.5	022	5.7	
0133	MAR-25	1434	3718.9	7536.9	X27121.7	Y41580.6	183	9.6	
0134	MAR-25	1548	3715.9	7533.2	X27100.2	Y41553.1	046	10.1	
0135	MAR-25	1841	3731.1	7518.4	X27060.5	Y41749.7	252	14.2	
0136	MAR-25	1953	3730.0	7524.2	X27085.2	Y41727.8	024	14.5	
0137	MAR-25	2110	3735.7	7525.0	X27099.2	Y41791.4	332	10.4	
0138	MAR-25	2257	3746.0	7530.2	X27143.6	Y41902.1	017	5.5	
0139	MAR-26	0100	3740.9	7517.3	X27073.1	Y41862.1	050	13.7	
0140	MAR-26	0352	3746.2	7456.2	X26981.9	Y41952.5	319	17.0	
0141	MAR-26	0551	3752.6	7511.2	X27066.0	Y42002.8	027	12.3	
0142	MAR-26	0718	3755.8	7505.7	X27045.0	Y42046.1	043	12.0	
0143	MAR-26	0905	3759.9	7512.8	X27087.7	Y42083.3	004	6.3	
0144	MAR-26	1032	3805.9	7507.1	X27071.6	Y42158.4	059	7.9	

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0145	MAR-26	1132	3808.2	7503.1	X27056.1	Y42188.7	028		10.9	
0146	MAR-26	1354	3823.2	7454.6	X27041.5	Y42366.3	021		10.4	
0147	MAR-26	1525	3828.2	7450.8	X27031.5	Y42425.9	334		11.2	
0148	MAR-26	1651	3831.1	7459.2	X27082.7	Y42451.3	049		9.3	
0149	MAR-26	1755	3832.8	7455.2	X27064.8	Y42472.9	017		11.5	
0150	MAR-26	1958	3843.5	7444.3	X27027.3	Y42601.5	232		9.3	
0151	MAR-26	2106	3843.6	7450.2	X27061.1	Y42598.6	268		9.6	
0152	MAR-26	2217	3846.8	7453.0	X27083.8	Y42632.0	267		7.7	
0153	MAR-27	0015	3850.7	7503.0	X27148.8	Y42670.6	355		7.7	
0154	MAR-27	0123	3853.9	7503.2	X27157.8	Y42706.9	182		7.7	
0155	MAR-27	0502	3903.3	7443.7	X27068.3	Y42822.0	041		7.1	
0156	MAR-27	0632	3859.2	7441.5	X27045.9	Y42777.7	090		8.2	
0157	MAR-27	0804	3901.2	7430.8	X26986.4	Y42803.8	321		9.6	
0158	MAR-27	0921	3906.0	7436.7	X27033.0	Y42854.4	039		9.0	
0159	MAR-27	1022	3909.1	7434.6	X27027.0	Y42889.2	051		9.0	
0160	MAR-28	0801	4001.7	7016.1	X25347.6	Y43304.1	296		117.6	
0161	MAR-28	1123	4024.4	7014.4	X25269.4	Y43465.5	350		41.6	
0162	MAR-28	1312	4031.1	7026.7	X25320.0	Y43524.1	327		36.1	
0163	MAR-28	1459	4041.2	7035.1	X25351.3	Y43603.3	039		32.3	
0164	MAR-28	1640	4048.5	7028.0	X25283.7	Y43648.0	023		29.8	
0165	MAR-28	1920	4109.5	7021.1	X25198.4	Y43783.0	295		19.4	
0166	MAR-28	2143	4113.2	7042.6	X25394.7	Y43835.7	238		17.0	
0167	APR-03	2011	4146.0	7024.0	X25389.0	Y44021.5	090		9.8	
0168	APR-03	2208	4153.7	7026.4	X25456.8	Y44072.1	037		18.9	
0169	APR-04	0007	4201.7	7013.3	X25431.9	Y44098.8	312		28.2	
0170	APR-04	0151	4211.1	7016.5	X25515.7	Y44158.3	094		15.0	
0171	APR-04	0327	4211.4	7005.9	X25461.9	Y44143.0	111		46.2	
0172	APR-04	0633	4150.4	6952.3	W13769.2	Y44000.9	160		28.7	
0173	APR-04	0916	4132.1	6939.5	W13780.8	Y43874.4	146		17.2	
0174	APR-04	1201	4116.5	6922.7	W13758.7	Y43759.5	159		29.0	
0175	APR-04	1452	4102.0	6912.7	W13767.3	Y43660.0	280		32.5	
0176	APR-04	1749	4103.6	6928.9	W13844.9	Y43686.4	262		17.8	
0177	APR-04	2004	4100.7	6945.1	W13942.9	Y43684.6	197		24.6	
0178	APR-04	2240	4055.7	7006.5	X25119.5	Y43674.1	146		14.5	
0179	APR-05	0218	4033.3	6943.2	W14034.1	Y43502.6	212		36.6	
0180	APR-05	0504	4015.9	6958.6	W14172.7	Y43394.3	143		50.3	
0181	APR-05	0801	3959.1	6940.8	W14134.4	Y43267.5	025		70.3	
0182	APR-05	1012	3958.1	6926.9	W14069.0	Y43254.2	117		65.3	
0183	APR-05	1319	4013.5	6911.5	W13943.0	Y43349.4	087		54.4	
0184	APR-05	1731	4006.7	6833.1	W13784.8	Y43286.3	054		207.5	
0185	APR-05	1933	4014.0	6838.3	W13783.0	Y43334.9	300		67.0	
0186	APR-05	2120	4018.6	6846.0	W13802.4	Y43367.9	088		53.6	
0187	APR-06	0024	4021.0	6820.3	W13674.5	Y43368.3	300		66.4	
0188	APR-06	0204	4026.6	6831.1	W13702.9	Y43408.9	291		50.9	
0189	APR-06	0447	4033.6	6858.1	W13805.5	Y43470.3	289		39.4	
0190	APR-06	0725	4038.6	6922.6	W13908.9	Y43521.0	357		39.4	
0191	APR-06	0840	4041.5	6922.4	W13897.3	Y43539.1	094		25.4	
0192	APR-06	1103	4043.8	6903.2	W13791.9	Y43538.2	328		41.0	

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					TD's				
0193	APR-06	1347	4046.1	6842.9	W13683.1	Y43536.2	027	34.7	
0194	APR-06	1736	4054.7	6832.9	W13600.1	Y43579.9	008	29.0	
0195	APR-06	1948	4100.0	6834.9	W13587.5	Y43613.5	033	29.8	
0196	APR-06	2156	4113.4	6828.2	W13497.0	Y43685.8	320	29.8	
0197	APR-06	2349	4118.9	6831.5	W13488.6	Y43720.1	299	36.9	
0198	APR-07	0406	4120.9	6914.8	W13697.6	Y43777.3	161	57.4	
0199	APR-07	0526	4116.1	6912.4	W13706.5	Y43745.9	135	51.9	
0200	APR-07	0753	4104.0	6856.5	W13676.8	Y43656.6	060	42.9	
0201	APR-07	0919	4106.0	6848.5	W13628.6	Y43661.2	151	37.2	
0202	APR-07	1241	4041.6	6826.5	W13623.4	Y43497.2	129	35.8	
0203	APR-07	1639	4031.6	6748.8	W13493.3	Y43413.9	058	58.5	
0204	APR-07	1858	4029.1	6732.5	W13433.3	Y43390.5	045	73.3	
0205	APR-07	2120	4038.8	6719.3	W13338.7	Y43438.2	310	53.3	
0206	APR-07	2243	4040.8	6720.5	W13335.5	Y43449.7	052	54.1	
0207	APR-08	0005	4043.8	6715.7	W13303.5	Y43463.5	080	53.9	
0208	APR-08	0335	4051.4	6642.9	W13141.0	Y43485.0	108	82.0	
0209	APR-08	0553	4052.2	6634.3	W13104.7	Y43484.5	217	268.8	
0210	APR-08	0817	4100.9	6642.3	W13097.3	Y43534.5	277	41.6	
0211	APR-08	1043	4103.5	6704.9	W13174.3	Y43563.3	244	37.7	
0212	APR-08	1334	4055.7	6732.6	W13323.3	Y43540.1	292	39.4	
0213	APR-08	1607	4106.2	6755.4	W13377.0	Y43615.8	343	23.5	
0214	APR-08	1825	4122.5	6800.1	W13324.6	Y43710.5	046	20.8	
0215	APR-08	1958	4124.4	6751.7	W13277.7	Y43713.1	057	21.9	
0216	APR-08	2132	4130.8	6743.5	W13211.1	Y43739.7	133	23.8	
0217	APR-08	2305	4123.9	6734.5	W13204.9	Y43694.8	084	22.1	
0218	APR-09	0045	4125.4	6722.0	W13144.6	Y43691.8	069	24.6	
0219	APR-09	0339	4128.6	6655.3	W13020.7	Y43686.1	357	36.9	
0220	APR-09	0521	4138.8	6653.3	W12963.6	Y43736.1	347	35.0	
0221	APR-09	0635	4144.1	6653.0	W12936.2	Y43762.2	025	36.6	
0222	APR-09	0834	4153.6	6642.3	W12847.8	Y43798.7	145	38.0	
0223	APR-09	1008	4146.2	6638.7	W12871.7	Y43759.5	074	38.3	
0224	APR-09	1217	4150.7	6620.6	W12782.8	Y43765.9	186	45.9	
0225	APR-09	1353	4141.1	6621.2	W12832.1	Y43720.4	123	46.2	
0226	APR-09	1523	4138.2	6613.5	W12818.8	Y43700.4	083	53.0	
0227	APR-09	1746	4141.3	6553.1	W12733.8	Y43699.8	033	68.9	
0228	APR-09	2009	4145.9	6549.7	W12700.5	Y43718.5	025	73.0	
0229	APR-09	2216	4156.9	6544.2	W12628.9	Y43765.0	351	132.6	
0230	APR-10	0232	4212.6	6615.2	W12652.2	Y43863.2	199	111.8	
0231	APR-10	0401	4209.0	6618.8	W12683.6	Y43849.9	270	97.3	
0232	APR-10	0559	4208.8	6633.7	W12737.7	Y43863.0	271	55.0	
0233	APR-10	1151	4205.7	6658.3	W12847.2	Y43872.5	212	34.4	
0234	APR-10	1459	4156.5	6706.1	W12926.1	Y43835.1	281	33.1	
0235	APR-10	1811	4154.1	6742.9	W13093.0	Y43860.8	193	20.2	
0236	APR-10	2034	4142.3	6742.3	W13150.1	Y43799.2	335	21.1	
0237	APR-10	2250	4151.3	6757.9	W13174.9	Y43862.7	227	34.4	
0238	APR-11	0017	4146.3	6804.1	W13228.5	Y43842.6	249	21.9	
0239	APR-11	0203	4135.8	6803.7	W13278.1	Y43786.5	270	19.1	
0240	APR-11	0343	4134.3	6813.5	W13331.2	Y43788.2	326	20.2	

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran		Course	Bottom Depth (FM)	Temp (F)
					TD's				
0241	APR-11	0600	4148.2	6818.6	W13287.0	Y43869.2	255	99.0	
0242	APR-11	0752	4146.2	6831.3	W13358.9	Y43872.4	211	103.9	
0243	APR-11	1012	4133.9	6841.0	W13465.8	Y43815.5	290	79.6	
0244	APR-11	1319	4142.4	6906.8	W13557.8	Y43893.6	355	94.3	
0245	APR-11	1504	4146.1	6907.7	W13544.6	Y43915.7	280	102.5	
0246	APR-11	1646	4100.5	6911.1	W13764.9	Y43649.0	238	105.8	
0247	APR-11	2034	4137.9	6950.5	W13816.6	Y43923.6	145	12.3	
0248	APR-11	2208	4130.8	6942.9	W13805.6	Y43870.6	145	14.5	
0249	APR-11	2351	4123.1	6935.8	W13800.3	Y43814.9	347	15.6	
0250	APR-16	0033	4153.4	6956.2	W13777.6	Y44024.2	000	12.8	
0251	APR-16	0248	4158.0	6942.2	W13675.3	Y44030.6	144	91.0	
0252	APR-16	0508	4200.8	6928.4	W13584.3	Y44026.2	317	115.4	
0253	APR-16	0822	4210.6	6939.4	W13596.7	Y44097.0	101	127.1	
0254	APR-16	1045	4209.6	6920.8	W13497.7	Y44064.3	016	108.0	
0255	APR-16	1425	4236.6	6911.1	W13298.5	Y44191.0	357	109.6	
0256	APR-16	1603	4241.0	6910.8	W13272.0	Y44212.0	276	90.2	
0257	APR-16	1951	4306.2	6916.7	W13154.6	Y44342.3	035	104.4	
0258	APR-16	2159	4313.2	6904.4	W13043.0	Y44354.0	140	93.5	
0259	APR-17	0030	4258.8	6852.5	W13067.3	Y44269.7	161	96.2	
0260	APR-17	0212	4250.8	6851.9	W13112.8	Y44230.7	143	100.6	
0261	APR-17	0717	4215.9	6818.9	W13144.7	Y44013.6	106	111.0	
0262	APR-17	1047	4208.4	6744.4	W13025.1	Y43934.7	106	107.4	
0263	APR-17	1259	4200.1	6731.2	W13011.5	Y43878.5	074	85.6	
0264	APR-17	1436	4208.9	6725.3	W12940.2	Y43915.8	079	98.4	
0265	APR-17	1621	4213.6	6722.9	W12905.0	Y43935.9	271	134.0	
0266	APR-17	2013	4227.6	6723.1	W12828.8	Y44003.2	318	175.0	
0267	APR-17	2301	4236.8	6744.9	W12870.5	Y44072.4	000	109.6	
0268	APR-18	0112	4238.9	6741.2	W12841.9	Y44077.5	108	111.5	
0269	APR-18	0408	4233.6	6716.3	W12767.2	Y44023.0	111	166.8	
0270	APR-18	1021	4221.8	6637.6	W12683.2	Y43926.9	346	180.4	
0271	APR-18	1309	4236.0	6635.9	W12598.8	Y43989.4	115	100.9	
0272	APR-18	1532	4228.8	6622.5	W12591.1	Y43943.4	092	138.1	
0273	APR-18	1800	4228.6	6608.4	W12544.2	Y43928.7	348	125.2	
0274	APR-19	0053	4324.6	6619.0	W12259.0	Y44175.2	173	35.3	
0275	APR-19	0344	4320.6	6631.9	W12324.4	Y44174.3	217	52.8	
0276	APR-19	0651	4311.4	6700.1	W12480.6	Y44170.2	253	103.9	
0277	APR-19	1117	4303.7	6751.3	W12738.2	Y44203.6	285	103.3	
0278	APR-19	1336	4306.7	6807.9	W12796.0	Y44239.3	011	103.3	
0279	APR-19	1755	4331.3	6744.9	W12534.1	Y44311.7	117	131.2	
0280	APR-19	2040	4321.3	6725.3	W12516.6	Y44243.9	067	111.3	
0281	APR-20	0005	4331.5	6658.1	W12347.0	Y44250.3	318	107.4	
0282	APR-20	0240	4336.8	6640.8	W12253.8	Y44249.1	024	64.2	
0283	APR-20	0533	4344.6	6634.4	W12182.9	Y44271.5	212	57.7	
0284	APR-20	0818	4349.4	6649.1	W12200.0	Y44308.3	300	73.3	
0285	APR-20	0944	4353.7	6655.1	W12192.2	Y44332.2	313	81.5	
0286	APR-20	1126	4359.4	6659.2	W12167.6	Y44359.0	045	92.7	
0287	APR-20	1358	4411.0	6639.6	W12026.8	Y44375.6	218	40.7	
0288	APR-20	1800	4401.4	6718.2	W12222.8	Y44391.9	041	114.8	

NMFS-NEFSC SPRING BOTTOM TRAWL SURVEY
2002 STATION INFORMATION

Station	Date	Time	Lat	Lon	Loran			Bottom Depth (FM)	Temp (F)
					TD's	Course	---		
0289	APR-20	1953	4411.3	6712.7	W12133.5	Y44420.6	016	78.5	
0290	APR-20	2214	4423.9	6710.2	W12035.3	Y44461.9	269	73.5	
0291	APR-21	0058	4421.6	6739.7	W12162.1	Y44495.5	235	39.1	
0292	APR-21	0320	4413.4	6731.8	W12190.2	Y44454.6	218	98.2	
0293	APR-21	0530	4411.1	6723.5	W12174.8	Y44434.7	206	130.4	
0294	APR-21	0749	4358.8	6731.5	W12291.7	Y44400.6	273	120.8	
0295	APR-21	0942	4358.5	6744.7	W12348.6	Y44418.3	226	107.7	
0296	APR-21	1133	4353.8	6755.0	W12425.5	Y44415.6	265	114.6	
0297	APR-21	1427	4409.0	6753.5	W12311.6	Y44470.1	220	55.8	
0298	APR-21	1637	4411.2	6801.9	W12332.9	Y44490.5	189	50.3	
0299	APR-21	1914	4357.8	6813.4	W12481.4	Y44458.2	216	62.3	
0300	APR-21	2048	4354.4	6816.9	W12522.4	Y44450.4	212	76.6	
0301	APR-22	0050	4347.4	6840.8	W12690.9	Y44460.2	064	59.6	
0302	APR-22	0300	4355.5	6847.6	W12670.0	Y44502.9	090	50.3	
0303	APR-22	0702	4328.8	6830.6	W12763.9	Y44368.2	197	97.3	
0304	APR-22	1320	4334.4	6945.9	W13147.2	Y44516.9	226	53.9	
0305	APR-22	1633	4322.6	7006.5	X25914.5	Y44503.1	188	67.5	
0306	APR-22	1752	4321.8	7006.5	X25910.4	Y44499.7	015	70.5	
0307	APR-22	2012	4315.9	7008.6	X25886.5	Y44476.8	056	78.5	
0308	APR-22	2200	4313.5	7015.1	X25904.9	Y44478.2	227	58.2	
0309	APR-22	2315	4311.6	7017.9	X25908.4	Y44474.9	236	58.2	
0310	APR-23	0340	4248.7	6953.1	W13470.3	Y44319.4	224	130.7	
0311	APR-23	0524	4248.4	7004.4	X25701.6	Y44337.9	298	68.4	
0312	APR-23	0820	4303.8	7019.6	X25871.4	Y44441.0	219	70.3	
0313	APR-23	0944	4302.4	7025.4	X25893.4	Y44445.1	222	53.0	
0314	APR-23	1202	4251.3	7042.5	X25925.8	Y44423.0	177	24.3	
0315	APR-23	1425	4239.5	7026.8	X25761.9	Y44332.3	244	26.2	
0316	APR-23	1611	4233.9	7036.3	X25782.6	Y44319.7	051	31.7	
0317	APR-23	1900	4233.7	7008.4	X25626.0	Y44269.0	088	57.1	
0318	APR-23	2322	4233.8	6948.4	W13526.2	Y44235.5	048	139.7	
0319	APR-24	0131	4237.2	6935.3	W13431.3	Y44231.8	162	156.1	
0320	APR-24	0502	4216.1	6958.1	W13677.4	Y44156.4	249	64.5	
0321	APR-24	0708	4221.7	7007.6	X25541.5	Y44203.0	179	45.1	
0322	APR-24	0951	4215.4	7029.5	X25622.2	Y44205.0	142	36.4	
0323	APR-24	1243	4212.7	7037.4	X25655.0	Y44203.1	318	13.4	
0324	APR-24	1452	4214.5	7041.3	X25692.6	Y44220.2	193	12.0	
0325	APR-24	1701	4210.5	7034.9	X25624.4	Y44186.1	113	17.8	
0326	APR-24	1834	4207.3	7030.8	X25576.3	Y44160.1	210	20.2	
0327	APR-24	2018	4203.4	7027.6	X25530.4	Y44132.2	330	28.4	
0328	APR-24	2318	4221.7	7016.3	X25586.9	Y44217.4	268	20.5	
0329	APR-25	0149	4223.4	7000.2	X25517.5	Y44199.9	359	104.7	
0330	APR-25	0346	4233.7	7000.2	X25586.6	Y44254.8	270	74.4	
0331	APR-25	0645	4235.9	7021.2	X25707.6	Y44303.2	150	47.6	